

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| L2 | 33 | (transi\$5 near5 alternat\$4 near5 sequence) same ((return near5 signal) reflect\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:35 |
| L3 | 38 | (transi\$5 near5 alternat\$4 near5 sequence) same ((return near5 signal) reflect\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:37 |
| L4 | 308 | (transi\$5 near5 alternat\$4 near5 sequence) and ((return near5 signal) reflect\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:38 |
| L5 | 302 | (transi\$5 near5 alternat\$4 near5 sequence) and ((return near5 signal) reflect\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:38 |
| L6 | 1349 | (340/435).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 20:38 |
| L7 | 317 | ((IR INFRARED) same (DETECT\$4 SENS\$4) same (VEHICLE OBJECT)) AND L6 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:38 |
| L8 | 317 | ((IR INFRARED) same (DETECT\$4 SENS\$4) same (VEHICLE OBJECT)) AND L6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:39 |
| L9 | 1 | 4 AND 8 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:39 |
| L10 | 1 | 4 AND 8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:39 |
| L11 | 1 | 5 AND 7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:40 |

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|-----|------|---|---|----|-----|---------------------|
| L12 | 1568 | (340/436).COLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 20:40 |
| L13 | 200 | (348/118).COLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 20:40 |
| L14 | 961 | (348/148).COLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 20:40 |
| L15 | 331 | ((IR INFRARED) same (DETECT\$4 SENS\$4) same (VEHICLE OBJECT obstacle)) AND L6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:41 |
| L16 | 331 | ((IR INFRARED) same (DETECT\$4 SENS\$4) same (VEHICLE OBJECT obstacle)) AND L6 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:41 |
| L17 | 317 | 15 AND 8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:41 |
| L18 | 1 | 15 AND 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:42 |
| L19 | 1 | 15 AND 5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:42 |
| L20 | 1176 | (342/70\$).COLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 20:42 |
| L21 | 1228 | (342/70\$).COLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/03/20 20:42 |
| L22 | 18 | 20 AND 16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:43 |

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|-----|----|--|---|----|----|---------------------|
| L23 | 18 | 20 AND 15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:43 |
| L24 | 18 | 21 AND 15 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:43 |
| L25 | 18 | 21 AND 16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:43 |
| L26 | 15 | ("5323321" "5400864" "5510990" "5521579" "5529139" "5710565" "5754099" "5818355" "5977869" "6032097" "6049749" "6233516" "6311120" "6418370").PN. OR ("6600986").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:45 |
| L27 | 43 | ("4349823" "5177462" "5309137" "5375060").PN. OR ("5521579").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:46 |
| L28 | 9 | ("5354983" "5432509" "5530322").PN. OR ("6201236").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:49 |
| L29 | 8 | ("4622636" "5243663" "6075874" "6088468" "6201236" "RE37610").PN. OR ("6683969").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:50 |
| L30 | 4 | "6744353" | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:51 |
| L31 | 11 | ("3568144" "3732536" "5793325" "5929785" "6157892" "6246949" "6269307" "6281786").PN. OR ("6744353").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:51 |
| L32 | 11 | (transm\$5 near5 alternat \$4 near5 sequence) with ((return near5 signal) reflect\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:52 |

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| L33 | 64651 | (discrete separate) with (intersect\$4 zone) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:56 |
| L34 | 76647 | (discrete separate) with (intersect\$4 zone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/20 20:56 |
| L35 | 6 | 7 and 33 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:56 |
| L36 | 6 | 8 and 34 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/20 20:57 |
| L37 | 1854 | (250/338.1).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:02 |
| L38 | 179 | (250/339.01).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:02 |
| L39 | 2412 | (250/221).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:02 |
| L40 | 969 | (250/222.1).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:03 |
| L41 | 643 | (250/224).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:03 |
| L42 | 446 | (342/71).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:04 |
| L43 | 1584 | (340/506).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:06 |
| L44 | 648 | (340/600).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:06 |
| L45 | 498 | (340/555).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:06 |
| L46 | 513 | (340/556).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:06 |
| L47 | 134 | (340/557).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:06 |
| L49 | 277 | (342/180).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:07 |
| L52 | 1722 | (180/271).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:07 |
| L53 | 535 | (180/272).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:07 |
| L54 | 729 | (180/273).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:07 |
| L55 | 785 | (180/274).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:07 |
| L59 | 1212 | (340/903).CCLS | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:08 |

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| L60 | 214 | (340/942).CQLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:08 |
| L62 | 1568 | (340/436).CQLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:09 |
| L63 | 1957 | (340/438).CQLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:09 |
| L64 | 477 | (340/445).CQLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:09 |
| L65 | 1466 | (340/425.5).CQLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:09 |
| L67 | 173 | (348/81).CQLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:10 |
| L68 | 45 | (348/73).CQLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/20 21:10 |
| S25 | 50 | (US-20040178892-\$ or US-20070126563-\$ or US-20060016795-\$).did. or (US-6046766-\$ or US- 6166764-\$ or US- 5229975-\$ or US- 6201236-\$ or US- 6442465-\$ or US- 6927677-\$ or US- 4832476-\$ or US- 4291946-\$ or US- 4306770-\$ or US- 4575202-\$ or US- 4598982-\$ or US- 4896953-\$ or US- 5005963-\$ or US- 5008678-\$ or US- 5307211-\$ or US- 5579133-\$ or US- 5583495-\$ or US- 5709281-\$ or US- 6154149-\$ or US- 5737083-\$ or US- 5207616-\$ or US- 4512728-\$ or US- 5302940-\$ or US- 5347273-\$ or US- 5758919-\$ or US- 5424952-\$).did. or (US- 5946150-\$ or US- 4354713-\$ or US- 4449757-\$ or US- 4842034-\$ or US- 4890908-\$ or US- 4906088-\$ or US- 5479297-\$ or US- 5521579-\$ or US- 5685612-\$ or US- 5691855-\$ or US- | US-PGPUB; USPAT | OR | ON | 2008/03/18 14:20 |

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|-----|----|---|---------------------------|----|-----|---------------------|
| | | 5917573-\$ or US- 6081718-\$ or US- 6243024-\$ or US- 3704063-\$ or US- 3704062-\$ or US- 3697985-\$ or US- 4139269-\$ or US- 4152694-\$ or US- 4105301-\$ or US- 4252207-\$ or US- 4258979-\$).did. | | | | |
| S26 | 1 | ("20070126563").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/18 14:21 |
| S27 | 50 | ("3312971" "3360775" "3409874" "3448822").PN. OR ("3697985").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 14:24 |
| S28 | 49 | (US-20050108089-\$ or US-20010037298-\$ or US-20060228197-\$ or US-20070252728-\$ or US-20050207876-\$ or US-20060180647-\$ or US-20060173756-\$ or US-20050108096-\$ or US-20050060586-\$ or US-20050050367-\$ or US-20040227616-\$ or US-20020111768-\$ or US-20060071816-\$ or US-20050184155-\$).did. or (US-6618650-\$ or US- 6898493-\$ or US- 6006148-\$ or US- 5751227-\$ or US- 5962833-\$ or US- 5266785-\$ or US- 7233260-\$ or US- 4325146-\$ or US- 5864831-\$ or US- 5710556-\$ or US- 4338587-\$ or US- 6064320-\$ or US- 5705996-\$ or US- 7181414-\$ or US- 6583732-\$ or US- 5963149-\$ or US- 5872525-\$ or US- 5675342-\$ or US- 7026954-\$ or US- 6646568-\$ or US- 6157314-\$ or US- 4121102-\$ or US- 4025791-\$ or US- 5101200-\$ or US- | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 14:58 |

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| | | 6653946-\$ or US-5955970-\$).did. or (US-6509826-\$ or US-5206643-\$ or US-5751973-\$ or US-6924749-\$ or US-6456239-\$ or US-5291261-\$ or US-4818887-\$ or US-5245177-\$ or US-5039217-\$).did. | | | | |
| S29 | 11 | ("3568144" "3732536" "4818887" "5291261" "5793325" "5929785" "6157892" "6246949" "6269307" "6281786" "6774353").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 14:58 |
| S30 | 13 | "2283874" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/18 15:03 |
| S31 | 6 | "9013103" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/18 15:03 |
| S32 | 2 | "9132094" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/03/18 15:03 |
| S33 | 11 | ("3568144" "3732536" "5793325" "5929785" "6157892" "6246949" "6269307" "6281786").PN. OR ("6744353").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 15:06 |
| S34 | 13 | ("20020190195" "20030075675" "20030222812" "20040001197" "20040056182" "20040066500" "20040155177" "4317992" "4335962" "5040116" "5705807" "6204755" "6246949").PN. OR ("7164118").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 15:08 |

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|-----|------|---|---------------------------|----|-----|---------------------|
| S35 | 14 | ("3493920" "4325639" "4582424" "4659922" "4716298").PN. OR ("4818887").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 15:09 |
| S36 | 1348 | (340/435).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/18 15:13 |
| S38 | 186 | ((IR INFRARED) WITH (DETECT\$4 SENS\$4) WITH (VEHICLE OBJECT)) AND S36 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 15:16 |
| S39 | 11 | ("3568144" "3732536" "5793325" "5929785" "6157892" "6246949" "6269307" "6281786").PN. OR ("6744353").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 16:28 |
| S40 | 12 | ("5461357" "5604580" "5745870" "5767803").PN. OR ("6246949").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 16:29 |
| S41 | 21 | ("4063073" "4110754" "5159557" "5347459" "5633705" "5734344" "5793325" "5806019" "5835880" "5959569" "6025797" "6121916" "6246949" "6522286" "6674394" "6771208" "6812883" "6831591" "6834232" "6900754" "RE37725").PN. OR ("7176830").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 16:31 |
| S42 | 11 | ("3568144" "3732536" "5793325" "5929785" "6157892" "6246949" "6269307" "6281786").PN. OR ("6744353").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/18 16:38 |

3/ 20/ 2008 9:11:08 PM

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